

Title (en)

METHOD AND DEVICE FOR INTRA PREDICTION BASED ON PLURALITY OF DIMD MODES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR INTRAPRÄDIKTION AUF BASIS MEHRERER DIMD-MODI

Title (fr)

PROCÉDÉ ET DISPOSITIF DE PRÉDICTION INTRA SUR LA BASE D'UNE PLURALITÉ DE MODES DIMD

Publication

**EP 4325846 A1 20240221 (EN)**

Application

**EP 22788370 A 20220411**

Priority

- US 202163173493 P 20210411
- KR 2022005196 W 20220411

Abstract (en)

According to one embodiment of the present specification, provided is an image decoding method performed by a decoding device. The method comprises the steps of: acquiring, from a bitstream, image information comprising information related to decoder-side intra mode derivation (DIMD); determining, on the basis of the information related to DIMD, whether DIMD is applied to a current block; deriving DIMD modes for the current block on the basis that DIMD is applied to the current block; and generating a prediction sample for the current block on the basis of the DIMD modes.

IPC 8 full level

**H04N 19/11** (2014.01); **H04N 19/132** (2014.01); **H04N 19/176** (2014.01); **H04N 19/593** (2014.01); **H04N 19/70** (2014.01)

CPC (source: EP KR US)

**H04N 19/11** (2014.11 - EP US); **H04N 19/115** (2014.11 - US); **H04N 19/132** (2014.11 - KR US); **H04N 19/136** (2014.11 - US); **H04N 19/157** (2014.11 - KR); **H04N 19/176** (2014.11 - EP KR US); **H04N 19/184** (2014.11 - US); **H04N 19/593** (2014.11 - EP KR US); **H04N 19/70** (2014.11 - EP KR)

Citation (search report)

See references of WO 2022220514A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4325846 A1 20240221**; CN 117337565 A 20240102; KR 20230169986 A 20231218; US 2024196008 A1 20240613; WO 2022220514 A1 20221020

DOCDB simple family (application)

**EP 22788370 A 20220411**; CN 202280033227 A 20220411; KR 2022005196 W 20220411; KR 20237034821 A 20220411; US 202218286417 A 20220411